

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims, AMEND claims, and ADD new claims, in accordance with the following:

1. (CURRENTLY AMENDED) A power supply device for an electric discharge machine for machining a workpiece by an electric discharge between an electrode and the workpiece, comprising:

a subsidiary power supply circuit to urge generation of an electric discharge by applying a voltage between the electrode and the workpiece, said subsidiary power supply circuit including a direct current power source, ~~and~~ a switching element and a parallel circuit ~~composed of~~ comprising a current reducing resistor and a capacitor, which are connected in series;

a main power supplying circuit for supplying a machining current between the electrode and the workpiece; and

a controller ~~for~~ controlling said subsidiary power supply circuit to apply the voltage between the electrode and the workpiece and controlling said main power supply circuit to apply the machining current when the generation of the electric discharge between the electrode and the workpiece is detected.

2. (CURRENTLY AMENDED) A power supply device for an electric discharge machine according to claim 1, wherein said subsidiary power supply circuit further ~~including~~ comprises a resistor connected in series for suppressing a vibration of the voltage between the electrode and the workpiece.